

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (volunt\$5 or "opt-in" or "opting" or "opt in") near3 (participat\$5 or aide or route or disseminat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 09:45
L2	12	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (volunt\$5 or "opt-in" or "opting" or "opt in")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 09:45
L3	13	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (volunt\$7 or "opt-in" or "opting" or "opt in")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:01
L4	53	(@ad<"20031017" or @rlad<"20031017") and multicast and (foward\$5 with ((non or "not") near2 participat\$5) or non-participat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:02
L5	53	(@ad<"20031017" or @rlad<"20031017") and multicast and (foward\$5 with ((non or "not") near2 participat\$5) or non-participat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:02
L6	13	(@ad<"20031017" or @rlad<"20031017") and multicast and (foward\$5 with ((non or "not") near2 participat\$5) or non-participat\$5) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:13
L8	18	(@ad<"20031017" or @rlad<"20031017") and multicast and (((non or "not") near2 participat\$5) or non-participat\$5) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:14
L9	5	(@ad<"20031017" or @rlad<"20031017") and multicast and (((non or "not") near2 participat\$5) or non-participat\$5) near10 (forward\$5 or rout\$5 or bypass\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:18
L10	1	(@ad<"20031017" or @rlad<"20031017") and (foward\$5 or bypass\$5) near3 (((non or "not") near2 participat\$5) or non-participat\$5) near5 (node or router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:20

## EAST Search History

L11	4	(@ad<"20031017" or @rlad<"20031017") and (foward\$5 or bypass\$5) near6 (((non or "not") near2 participat\$5) or non-participat\$5) near6 (node or router or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:21
L12	51	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 participat\$5) or non-participat\$5) near4 (node or router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:27
L13	51	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 participat\$5) or non-participat\$5) near4 (node or router) and (((non or "not") near2 participat\$5) or non-participat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:28
L14	51	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 participat\$5) or non-participat\$5) near4 (node or router)) and (((non or "not") near2 participat\$5) or non-participat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:33
L15	4473	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 (participat\$5 or subscrib\$5 or memeber)) or non-participating or non-subscribing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:35
L16	379	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 (participat\$5 or subscrib\$5 or memeber)) or non-participating or non-subscribing) near5 (member or agent or node or device or computer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:35
L17	30	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 (participat\$5 or subscrib\$5 or memeber)) or non-participating or non-subscribing) near5 (member or agent or node or device or computer) near5 (bypass\$5 or rout\$5 or forward\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:38

## EAST Search History

L19	2571	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 (participat\$5 or subscrib\$5 or member)) or non-participating or non-subscribing) near5 (agent or node or device or computer or user)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:39
L20	58	(@ad<"20031017" or @rlad<"20031017") and (((non or "not") near2 (participat\$5 or subscrib\$5 or member)) or non-participating or non-subscribing) near5 (agent or node or device or computer or user) near5 (forward\$4 or rout\$5 or bypass\$5 or assum\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:44
L21	28	L20 NOT I17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:40
L22	0	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (unwilling or "not willing") near5 (participa\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:47
L23	0	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (unwilling or "not willing")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:47
L24	125	(@ad<"20031017" or @rlad<"20031017") and "multicast" and (unwilling or "not willing")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:47
L25	0	(@ad<"20031017" or @rlad<"20031017") and "multicast" and (unwilling or "not willing") near5 (participant or participat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:48
L26	27	(@ad<"20031017" or @rlad<"20031017") and (((unwilling or "not willing") near3 (participant or participat\$4)) or "non-participating") near3 (node or router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 10:56

## EAST Search History

L27	7	(@ad<"20031017" or @rlad<"20031017") and "delegation ticket"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:11
L28	311	(@ad<"20031017" or @rlad<"20031017") and ((secure or encrypted) near3 multicast)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 11:02
L29	1	(@ad<"20031017" or @rlad<"20031017") and ((secure or encrypted) near3 multicast) and (bypass\$5 or rout\$5 or avoid\$5 or forward\$5) near6 (("non" or "not") near2 (secure or member or participat\$4 or particip\$5 or authorized))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 12:38
L30	462770	(@ad<"20031017" or @rlad<"20031017") and (traffic or packet or data or message) with (rout\$5 or forward\$4 or direct\$5) with (around or avoid\$4 or bypass\$4 or direct\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:04
L31	10	"delegation ticket"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:08
L32	2	"20030079134"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:08
L33	12	(@ad<"20031017" or @rlad<"20031017") and (delegat\$5 near2 ticket) with (server or client or node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:37
L34	222	(@ad<"20031017" or @rlad<"20031017") and (relay\$4 near5 (message or request or subscription or notice or packet) near5 until)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:38
L35	55	(@ad<"20031017" or @rlad<"20031017") and (relay\$4 near5 (message or request or subscription or notice or packet) near5 until) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:45

## EAST Search History

L36	43	(@ad<"20030117") and (relay\$4 near5 (message or request or subscription or notice or packet) near5 until) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 13:45
L37	41	(@ad<"20021017") and (relay\$4 near5 (message or request or subscription or notice or packet) near5 until) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:11
L38	6	(@ad<"20021017") and (forward\$4 or send\$4 or rout\$4) with (subscription or subscrib\$4) with message with parent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:16
L39	6	(@ad<"20031017") and (forward\$4 or send\$4 or rout\$4) with (subscription or subscrib\$4) with message with parent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:16
L40	16	(@ad<"20031017") and (forward\$4 or send\$4 or rout\$4) near7 (subscription or subscrib\$4) near7 parent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:16
L41	19	(@ad<"20031017") and (forward\$4 or send\$4 or rout\$4) near7 (subscription or subscrib\$4) near7 (parent or ancestor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:25
L42	1	(@ad="20031017") and (forward\$4 or send\$4 or rout\$4) near7 (subscription or subscrib\$4) near7 (parent or ancestor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:26
L43	1	(@ad="20031017") and (forward\$4 or send\$4 or rout\$4) near7 (subscription or subscrib\$4) near7 (parent or ancestor or child)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:28
L44	1	(@ad="20031017") and (forward\$4 or send\$4 or rout\$4) near7 (subscription or subscrib\$4) near7 (child\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:32
L45	1	(@ad="20031017") and (previous\$3) near3 (forward\$4 or send\$4 or rout\$4) near5 (subscription or subscrib\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:33

## EAST Search History

L48	161	(@ad<"20031017") and (previous\$3) near3 (forward\$4 or send\$4 or rout\$4) near5 (subscription or subscrib\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:34
L49	23	(@ad<"20031017") and (previous\$3) near3 (forward\$4 or send\$4 or rout\$4) near5 (subscription or subscrib\$4) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:38
L50	738	(@ad<"20031017") and (rout\$4 or forward\$4) with (avoid\$4 or prevent\$5) near4 (loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:38
L51	5	(@ad<"20031017") and ((rout\$4 or forward\$4) with (avoid\$4 or prevent\$5) near4 loop) and (("first" or initially) near5 parent) and (("next" or second or secondly) near5 child) or (then near2 child)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:43
L52	116	(@ad<"20031017") and ((first or initially or start) with (send\$4 or forward\$4 or rout\$5 or transmit\$5) with (parent or ancestor) with ("then" or "next" or second or secondly or alternatively) with (child or children or descendent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:45
L53	42	(@ad<"20031017") and ((first or initially or start) near10 (send\$4 or forward\$4 or rout\$5 or transmit\$5) near10 (parent or ancestor) near10 ("then" or "next" or second or secondly or alternatively) near10 (child or children or descendent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:50
L54	212	(@ad<"20031017") and (previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) near5 (parent or ancestor or (up near2 tree))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:51

## EAST Search History

L55	106	(@ad<"20031017") and (previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) near5 . (parent or ancestor or (up near2 tree)) and ((sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) near5 (child or children or descend\$5 or (down near2 tree)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:52
L56	106	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) near5 (parent or ancestor or (up near2 tree))) and ((sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) near5 (child or children or descend\$5 or (down near2 tree)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:17
L57	49	L56 and ("709"/\$3.ccls. or multicast\$4 or overlay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 14:53
L58	0	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) near5 (parent or ancestor or (up near2 tree)) with (subscrib\$5 or subscription))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:18
L59	3135	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or rout\$4 or notify or notifi\$4 or transmit\$5) with (subscrib\$5 or subscription))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:19
L60	1773	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:20
L61	0	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription) near5 (parent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:20

## EAST Search History

L62	191	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:20
L63	1	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription)) and ("709"/\$3.ccls.) and "multicast tree"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:21
L64	444	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription) near2 (message or request or packet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:22
L65	0	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription) near2 (message or request or packet)) with (child or children or parent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:22
L66	46	(@ad<"20031017") and ((previous\$5 or prior or already or before or earlier) near5 (sent or send\$4 or forward\$4 or transmit\$5) near5 (subscrib\$5 or subscription) near2 (message or request or packet)) with (tree or network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 15:52
L67	2	microsoft.as. and ("overlay network" and "multicast tree").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 16:37
L68	13	("dunagan, john".in" "." or "harvey, nicholas".in. or "jones, michael".in. or "theimer, marvin".in. or "wolman, alastair".in.) and ("multicast tree" or "overlay network")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 16:40
L70	7	("dunagan, john".in" "." or "harvey, nicholas".in. or "jones, michael".in. or "theimer, marvin".in. or "wolman, alastair".in.) and ("multicast tree" or "overlay network").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 16:41



## EAST Search History

S1	2	"10356961"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:40
S2	3	"10/356,961"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:41
S3	3	"10/177,335"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:42
S4	3	"10/107,287"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:41
S5	3	(@ad<"20031017" or @rlad<"20031017") and (re-enter\$4 or reenter\$4) with ((region or group) near3 network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:48
S7	27	(@ad<"20031017" or @rlad<"20031017") and (overlay adj network) and ((multicast or (multi adj cast)) adj tree)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:55
S8	26	(@ad<"20031017" or @rlad<"20031017") and (overlay adj network) and ((multicast or (multi adj cast)) adj tree) and (region or group or domain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:08
S9	1	(@ad<"20031017" or @rlad<"20031017") and (overlay adj network) and ((multicast or (multi adj cast)) adj tree) and ((region or group or domain) near10 (enter\$4 or reenter\$4 or re-enter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:16
S10	3	(overlay adj network) and ((multicast or (multi adj cast)) adj tree) and ((region or group or domain) near10 (enter\$4 or reenter\$4 or re-enter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:53

## EAST Search History

S11	1	(re-enter\$5 or reenter\$5) near4 (prevent\$5 or deny\$4) same (network and traffic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:54
S12	26	(re-enter\$5 or reenter\$5) near4 (prevent\$5 or deny\$4) with (node or traffic or network or agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:02
S13	27	(@ad<"20031017" or @rlad<"20031017") and (overlay adj network) and ((multicast or (multi adj cast)) adj tree) and (region or group or domain or tree or network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:57
S15	7	(@ad<"20031017" or @rlad<"20031017") and (overlay adj network) and ((multicast or (multi adj cast)) adj tree) and cycl\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:58
S16	788	(re-enter\$5 or reenter\$5 or (("not" or prohibit\$4 or deny\$4 or disallow\$4) near2 enter\$5)) near6 (node or traffic or network or agent or domain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:04
S17	756	(re-enter\$5 or reenter\$5) near6 (node or traffic or network or agent or domain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:04
S19	3	(re-enter\$5 or reenter\$5) near6 (node or traffic or network or agent or domain) and ("overlay network" or "multicast tree")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:06
S20	43	(restrict\$4 or prohibit\$4 or disallow\$4 or disabl\$5 or avoid\$4) near6 ((cross or between or "back and forth")near3 (node or traffic or network or agent or domain)) and ("overlay network" or "multicast tree")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:36
S21	29	S20 and (@ad<"20031017" or @rlad<"20031017")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:37

## EAST Search History

S22	59	(restrict\$4 or prohibit\$4 or disallow\$4 or disabl\$5 or avoid\$4) near6 ((cross or between or "back and forth" or cycl\$5 or loop\$5) near3 (node or traffic or network or agent or domain)) and ("overlay network" or "multicast tree")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:37
S23	40	S22 and (@ad<"20031017" or @rlad<"20031017")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:37
S24	11	S23 not S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:42
S25	29	S23 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:44
S27	5	S25 and ((loop\$4 or cycl\$5) near5 (prevent\$5 or avoid\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 16:47
S28	483	(@ad<"20031017" or @rlad<"20031017") and "multicast tree"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:08
S29	11	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" same (prevent\$4 or avoid\$4) near5 (loop\$4 or cycl\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:12
S30	11	(@ad<"20031017" or @rlad<"20031017") and ("multicast tree" same (prevent\$4 or avoid\$4) near5 (loop\$4 or cycl\$6)) and ((prevent\$4 or avoid\$4) near5 (loop\$4 or cycl\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:23
S31	3	"20050027837"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:17

## EAST Search History

S32	10202	(prevent\$5 or prohibit\$5 or avoid\$5 or disallow\$5 or allow\$5 or ban\$6) with (re-entry or re-enter\$5 or (enter\$5 near2 again) or reenter\$5 or reentry)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:23
S33	2	(@ad<"20031017" or @rlad<"20031017") and ((prevent\$5 or prohibit\$5 or avoid\$5 or disallow\$5 or allow\$5 or ban\$6) with (re-entry or re-enter\$5 or (enter\$5 near2 again) or reenter\$5 or reentry)) and ("overlay network" or "multicast tree")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:25
S34	1186	(@ad<"20031017" or @rlad<"20031017") and ((prevent\$5 or prohibit\$5 or avoid\$5 or disallow\$5 or allow\$5 or ban\$6) with (re-entry or re-enter\$5 or (enter\$5 near2 again) or reenter\$5 or reentry)) same (network or traffic or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:26
S35	175	(@ad<"20031017" or @rlad<"20031017") and ((prevent\$5 or prohibit\$5 or avoid\$5 or disallow\$5 or allow\$5 or ban\$6) with (re-entry or re-enter\$5 or (enter\$5 near2 again) or reenter\$5 or reentry)) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:26
S36	151	(@ad<"20031017" or @rlad<"20031017") and ((prevent\$5 or prohibit\$5 or avoid\$5 or disallow\$5 or allow\$5 or ban\$6) near10 (re-entry or re-enter\$5 or (enter\$5 near2 again) or reenter\$5 or reentry)) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 17:38
S37	48	(@ad<"20031017" or @rlad<"20031017") and ((message or packet or data or traffic) with (prevent\$5 or prohibit\$5 or avoid\$5 or disallow\$5 or allow\$5 or ban\$6) near10 (re-entry or re-enter\$5 or (enter\$5 near2 again) or reenter\$5 or reentry)) and "709"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 10:43
S38	364	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and ((name\$4 or identif\$5) near6 (region or area or network))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 10:49

## EAST Search History

S39	76	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and ((name\$4 or identif\$5) near6 (region or area or network) near6 (node or agent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 11:04
S40	2	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and ((name\$4 or identif\$5) near6 (region or area or network) near6 (node or agent)) and "multicast tree"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 11:05
S41	5	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and ((name\$4 or identif\$5 or id) near6 (region or area or network) near6 (node or agent)) and "multicast tree"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 11:06
S43	5	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and ((name\$4 or identif\$5 or id) near6 (region or area or network or local\$5 or location) near6 (node or agent)) and "multicast tree"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 12:40
S45	2	"5355371".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 11:24
S46	8	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and "multicast tree" and ("overlay network" with (region or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 12:45
S47	3	(@ad<"20031017" or @rlad<"20031017") and "overlay network" and "multicast tree" and (709/243.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 12:45
S48	11	(US-20040054807-\$ or US-20040006650-\$ or US-20050086469-\$ or US-20040174884-\$ or US-20070028002-\$).did. or (US-7096228-\$ or US-4718005-\$ or US-6954790-\$ or US-5355371-\$ or US-6498795-\$ or US-6415323-\$). did.	US-PGPUB; USPAT	AND	ON	2007/08/15 13:22
S49	5	S48 and region	US-PGPUB; USPAT	AND	ON	2007/08/15 13:27

## EAST Search History

S50	(1)	S48 and (IP near2 address) with (network near2 (portion or identifier))	US-PGPUB; USPAT	AND	ON	2007/08/15 13:28
S51	(1)	S48 and (IP near2 address) with (network near2 (portion or identifier or id))	US-PGPUB; USPAT	AND	ON	2007/08/15 13:29
S52	1076	(@ad<"20031017" or @rlad<"20031017") and ((IP near2 address) with (network near2 (portion or identifier or id)))	US-PGPUB; USPAT	AND	ON	2007/08/15 13:29
S53	(7)	(@ad<"20031017" or @rlad<"20031017") and ((IP near2 address) with (network near2 (portion or identifier or id) same geographic near5 (location or area or region)))	US-PGPUB; USPAT	AND	ON	2007/08/15 13:31
S54	593	(@ad<"20031017" or @rlad<"20031017") and ((IP near2 address) with (location near2 information))	US-PGPUB; USPAT	AND	ON	2007/08/15 14:16
S55	342	(@ad<"20021017") and ((IP near2 address) with (location near2 information))	US-PGPUB; USPAT	AND	ON	2007/08/15 13:32
S56	114	(@ad<"20021017") and ((IP near2 address) with (location near2 information)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT	AND	ON	2007/08/15 13:32
S57	(2)	(@ad<"20031017" or @rlad<"20031017") and ((multicast or "multi-cast") adj tree) with publish\$5	US-PGPUB; USPAT	AND	ON	2007/08/15 14:19
S58	(22)	(@ad<"20031017" or @rlad<"20031017") and ((multicast or "multi-cast") adj tree) with (subscrib\$5 or subscription)	US-PGPUB; USPAT	AND	ON	2007/08/15 14:30
S59	(1)	(@ad<"20031017" or @rlad<"20031017") and (((multicast or "multi-cast") adj tree) with (subscrib\$5 or subscription)) and (message near5 (topic or subject))	US-PGPUB; USPAT	AND	ON	2007/08/15 16:12
S60	(13)	(@ad<"20031017" or @rlad<"20031017") and ((multicast or "multi-cast") adj tree) with (organization or company)	US-PGPUB; USPAT	AND	ON	2007/08/15 16:22
S61	(27)	(@ad<"20031017" or @rlad<"20031017") and ((multicast or "multi-cast") adj tree) with ("belongs to" or own)	US-PGPUB; USPAT	AND	ON	2007/08/15 16:33

## EAST Search History

S62	24	(@ad<"20031017" or @rld<"20031017") and ((multicast or "multi-cast") adj tree) near10 ("belongs to" or own)	US-PGPUB; USPAT	AND	ON	2007/08/15 16:35
S63	1	(@ad<"20031017" or @rld<"20031017") and ((multicast or "multi-cast") adj tree) with (intranet or ((company or companies or organization) near4 (domain or network)))	US-PGPUB; USPAT	AND	ON	2007/08/15 16:36
S67	32	(@ad<"20031017" or @rld<"20031017") and (intranet or (private near2 network) or (enterprise near2 network) or (company near2 network)) with ("overlay network" or "overlay nodes" or "multicast tree")	US-PGPUB; USPAT	AND	ON	2007/08/15 16:40
S68	26	(@ad<"20031017" or @rld<"20031017") and (intranet or (private near2 network) or (enterprise near2 network) or (company near2 network)) near10 ("overlay network" or "overlay nodes" or "multicast tree")	US-PGPUB; USPAT	AND	ON	2007/08/15 17:10
S69	0	(@ad<"20031017" or @rld<"20031017") and ("IP address" with administrat\$5 near2 subdivision)	US-PGPUB; USPAT	AND	ON	2007/08/15 17:12
S70	15	(@ad<"20031017" or @rld<"20031017") and ("IP address" near5 (resolv\$4 or indicat\$5) near5 (company or corporation or organization))	US-PGPUB; USPAT	AND	ON	2007/08/15 17:27
S71	464	(@ad<"20031017" or @rld<"20031017") and ("IP address" near5 (resolv\$4) near5 domain)	US-PGPUB; USPAT	AND	ON	2007/08/15 17:27
S72	294	(@ad<"20031017" or @rld<"20031017") and ("IP address" near5 (resolv\$4) near5 domain) and "709"/\$3.ccls.	US-PGPUB; USPAT	AND	ON	2007/08/15 17:28
S73	223	(@ad<"20021017") and ("IP address" near5 (resolv\$4) near5 domain) and "709"/\$3.ccls.	US-PGPUB; USPAT	AND	ON	2007/08/15 17:31
S74	0	(@ad<"20021017") and ("IP address" near5 (resolv\$4) near5 domain with subdivision) and "709"/\$3.ccls.	US-PGPUB; USPAT	AND	ON	2007/08/15 17:29

## EAST Search History

S75	1194	(@ad<"20021017") and ("IP address" or URL or "domain name") with (region or geographic\$4)	US-PGPUB; USPAT	AND	ON	2007/08/15 17:31
S76	38	(@ad<"20021017") and ("IP address" or URL or "domain name") with (region or geographic\$4) with (organization or owner)	US-PGPUB; USPAT	AND	ON	2007/08/16 15:22
S77	4	(@ad<"20021017") and descriptive near5 ("IP address" or URL or "domain name") near5 (region or geographic\$4)	US-PGPUB; USPAT	AND	ON	2007/08/15 17:37
S78	16	(@ad<"20021017") and ("domain name hierarchy")	US-PGPUB; USPAT	AND	ON	2007/08/16 16:55
S79	0	(@ad<"20021017") and ("domain name") and (DNS) and (organization same geograpic\$5 same (own or owner\$5) same ("domain name" or DNS))	US-PGPUB; USPAT	AND	ON	2007/08/16 15:30
S80	0	(@ad<"20021017") and ("domain name") and (DNS) and (organization same geograpic\$5 same ("domain name" or DNS))	US-PGPUB; USPAT	AND	ON	2007/08/16 15:31
S81	349	(@ad<"20021017") and ("domain name") and (DNS) and (organization same ("domain name" or DNS))	US-PGPUB; USPAT	AND	ON	2007/08/16 15:31
S82	181	(@ad<"20021017") and ("domain name") and (DNS) and (organization with ("domain name" or DNS))	US-PGPUB; USPAT	AND	ON	2007/08/16 15:35
S83	31	(@ad<"20031017") and ((mail or webmail) adj (yahoo or gmail or google or hotmail or excite))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:39
S84	15	(@ad<"20031017") and ("mail.yahoo.com")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:45
S85	49	(@ad<"20031017") and (node near5 (name or named) near4 URL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:59



## EAST Search History

S86	(3)	S85 and microsoft.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:46
S87	(46)	S85 NOT S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:46
S88	(31)	S87 and (@ad<"20021017")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:46
S89	(2)	"7194552"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 15:59
S90	(21)	(@ad<"20021017" or @rlad<"20021017") and ("multicast tree" or "multi-cast tree") with (subscrib\$5 or subscription)	US-PGPUB; USPAT	AND	ON	2007/08/16 18:09
S91	(9)	(@ad<"20021017" or @rlad<"20021017") and (("multicast tree" or "multi-cast tree") with (subscrib\$5 or subscription)) and (confirm\$6)	US-PGPUB; USPAT	AND	ON	2007/08/16 17:31
S92	525	(@ad<"20021017" or @rlad<"20021017") and ((modify or modifying or chang\$5 or alter\$5 or updat\$5) near5 (subscription or subscrib\$5 or message or packet or address) near5 (send\$5 or trasmit\$6 or rout\$5) near5 (direct\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:17
S93	(17)	(@ad<"20021017" or @rlad<"20021017") and (("multicast tree" or "multi-cast tree") with (subscrib\$5 or subscription)) and ((modify or modifying or chang\$5 or alter\$5 or updat\$5) near5 (subscription or subscrib\$5 or message))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:17

## EAST Search History

S94	172	(@ad<"20021017" or @rlad<"20021017") and ((modify or modifying or chang\$5 or alter\$5 or updat\$5) near5 (subscription or subscrib\$5 or message or packet or address) near5 (send\$5 or trasmit\$6 or rout\$5) near5 (direct\$3)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:19
S95	18	(@ad<"20031017" or @rlad<"20031017") and (("multicast tree" or "multi-cast tree") with (subscrib\$5 or subscription)) and ((modify or modifying or chang\$5 or alter\$5 or updat\$5) near5 (subscription or subscrib\$5 or message))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:18
S96	79	(@ad<"20031017") and ((modify or modifying or chang\$5 or alter\$5 or updat\$5) near5 (subscription or subscrib\$5 or message or packet or address) near5 (send\$5 or trasmit\$6 or rout\$5) near5 (direct or directly)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:48
S97	18	(@ad<"20031017") and ("709"/\$3.ccls.) and (subscription near5 confirmation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:49
S98	0	(@ad<"20031017") and ("709"/\$3.ccls.) and (subscription near5 confirmation) near2 (no)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:50
S99	0	(@ad<"20031017") and ("709"/\$3.ccls.) and (subscription near5 confirmation) and (no near3 confirm\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:50
S100	0	(@ad<"20031017") and ("709"/\$3.ccls.) and (subscription near5 confirmation) and ("no" near3 confirm\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:50
S101	1	(@ad<"20031017") and (subscription near5 confirmation) and ("no" near3 confirm\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:50

## EAST Search History

S10 2	1	(@ad<"20031017") and "no" near3 confirm\$6 with (choose or choosing or select\$5) near3 (new or different or another)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:51
S10 3	35	(@ad<"20031017") and "no confirmation message"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:53
S10 4	0	(@ad<"20031017") and "no confirmation message" same (try\$4 or attempt\$4 or choos\$5 or select\$5) near4 (different or new or alternative or alternate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:53
S10 5	6	(@ad<"20031017") and "no confirmation message" and ((try\$4 or attempt\$4 or choos\$5 or select\$5) near4 (different or new or alternative or alternate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:54
S10 6	13	(@ad<"20031017") and "no confirmation message" and ((try\$4 or attempt\$4 or choos\$5 or select\$5) near10 (different or new or alternative or alternate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:55
S10 7	0	(@ad<"20031017") and "no confirmation message" same ((try\$4 or attempt\$4 or choos\$5 or select\$5) near10 (different or new or alternative or alternate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:54
S10 8	10379	(@ad<"20031017") and ((try\$4 or attempt\$4 or choos\$5 or select\$5) near5 (different or new or alternative or alternate) near5 (node or route or path))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:56
S10 9	987	(@ad<"20031017") and ((try\$4 or attempt\$4 or choos\$5 or select\$5) near5 (different or new or alternative or alternate) near5 (node or route or path)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:56
S11 0	39	(@ad<"20031017") and (reply or response or confirmation) with ((try\$4 or attempt\$4 or choos\$5 or select\$5) near5 (different or new or alternative or alternate) near5 (node or route or path)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:56

## EAST Search History

S11 1	30	(@ad<"20021017") and (reply or response or confirmation) with ((try\$4 or attempt\$4 or choos\$5 or select\$5) near5 (different or new or alternative or alternate) near5 (node or route or path)) and ("709"/\$3.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 18:57
S11 2	204	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (buffer or buffering or cache or cacheing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:18
S11 3	87	(@ad<"20031017" or @rlad<"20031017") and "multicast tree" and (buffer or buffering or cache or cacheing) near10 (node or computer or device or agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/17 09:43
S11 4	69	(@ad<"20021017") and "multicast tree" and (buffer or buffering or cache or cacheing) near10 (node or computer or device or agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:20
S11 5	27	(US-20040054807-\$ or US-20030012130-\$ or US-20040168051-\$ or US-20030162499-\$ or US-20030154243-\$ or US-20020072965-\$ or US-20010021931-\$ or US-20040260745-\$ or US-20050015496-\$ or US-20040006650-\$ or US-20050086469-\$ or US-20070028002-\$ or US-20040174884-\$).did. or (US-7185077-\$ or US-7194552-\$ or US-7103054-\$ or US-6836788-\$ or US-6389475-\$ or US-5355371-\$ or US-7185107-\$ or US-7143139-\$ or US-6954790-\$ or US-6498795-\$ or US-6415323-\$ or US-7096228-\$ or US-5606669-\$ or US-4718005-\$). did.	US-PGPUB; USPAT	AND	ON	2007/08/16 19:20
S11 6	5	S115 and (buffer or buffering or cache or cacheing) near10 (node or computer or device or agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:26

## EAST Search History

S11 7	12	S115 and overlay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:27
S11 8	60	"6611872"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:27
S11 9	2	"6611872".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/16 19:27